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TITLE

Practical Secure Storage: A Vendor Agnostic Overview

ABSTRACT

This tutorial will explore the fundamental concepts of implementing secure enterprise storage using current technologies. It has been significantly updated to include current and emerging technologies and changes in international security standards (e.g., ISO/IEC).

The focus of this tutorial is the implementation of a practical secure storage system, independent of any specific vendor implementation or methodology. The high level requirements that drive the implementation of secure storage for the enterprise, including legal issues, key management, current technologies available to the end user, and fiscal considerations will be explored in detail. In addition, actual implementation examples will be provided that illustrate how these requirements are applied to actual systems implementations.

BIOGRAPHY

Walt is a Storage Standards Architect with Hubis Technical Associates. He provides expertise related to storage interface and storage security standards organizations with a focus on protocols and software interfaces and how innovative and disruptive computer storage technologies impact these standards. Walt has over twenty-five years of experience in storage systems engineering in both development and managerial positions and has authored several key patents in RAID and other storage related technologies. He is the vice-chair of the SNIA SSSI Initiative and has served as the Chair of the Trusted Computing Group Key Management Services Subgroup, Chair of the IEEE SISWG P1619.3 Key Management subcommittee, and Secretary of the IEEE Security in Storage work group (SISWG). Walt holds a Bachelor of Science degree in Electrical Engineering.